Update HA2026-HC FW Procedure

Date: 2026-11-16

- Power off.

Update sequence: BIOS → MCU → CPLD → BMC

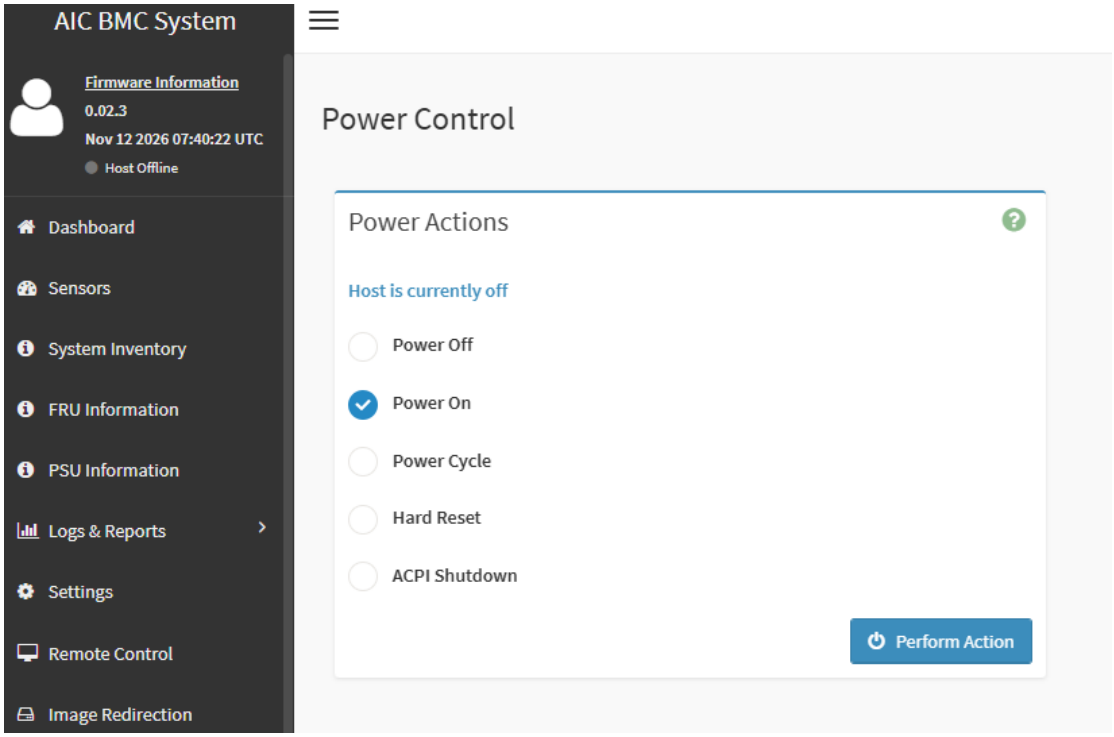
BIOS FW: Hera1070

MCU FW: HA2026_MCU_v0011.hex

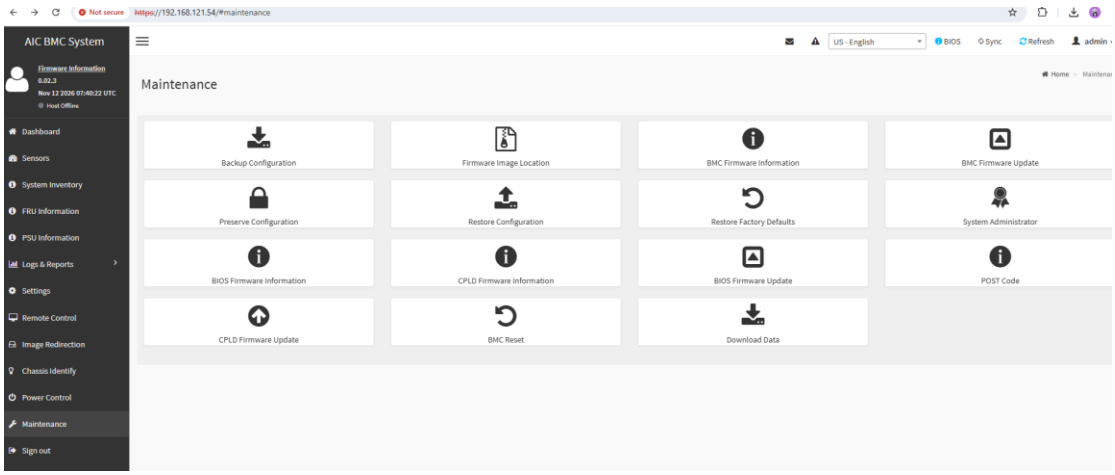
CPLD FW: Hercules_cpld_v0.0.16_20261028.jed

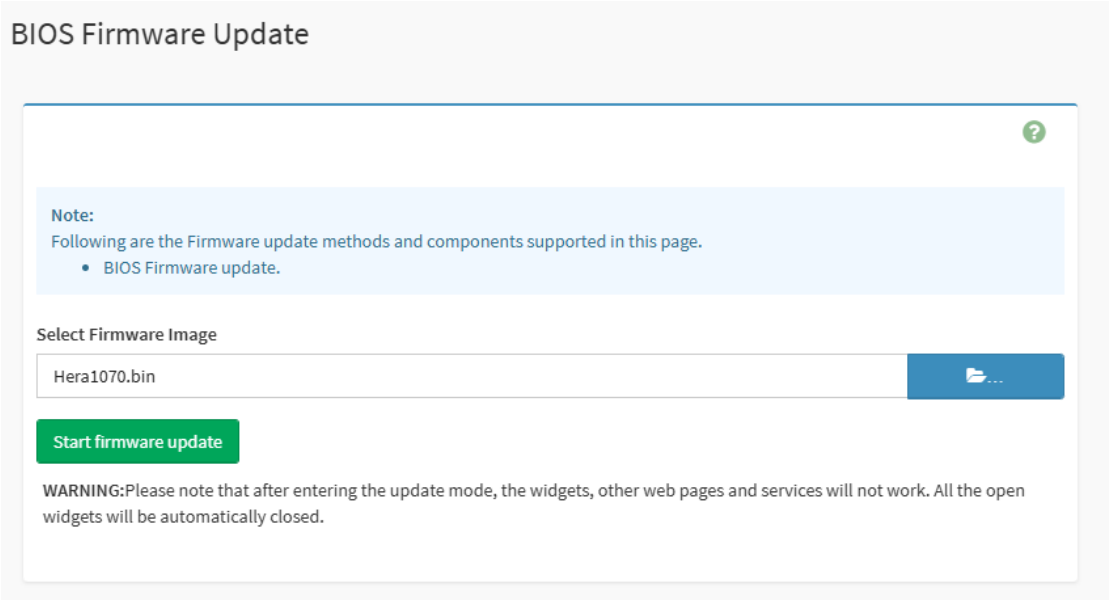
BMC FW: 4530HCL002503.ima

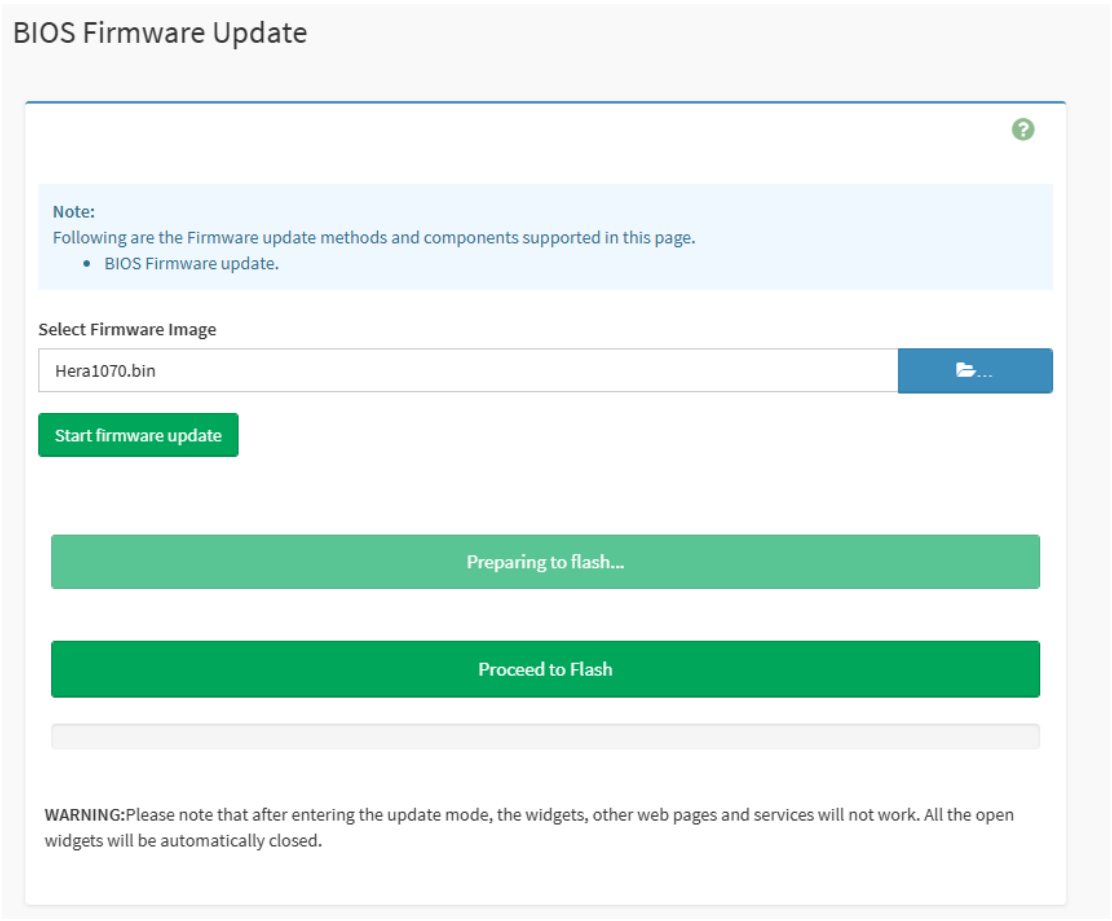
- Please DC off (power off) to do the firmware update

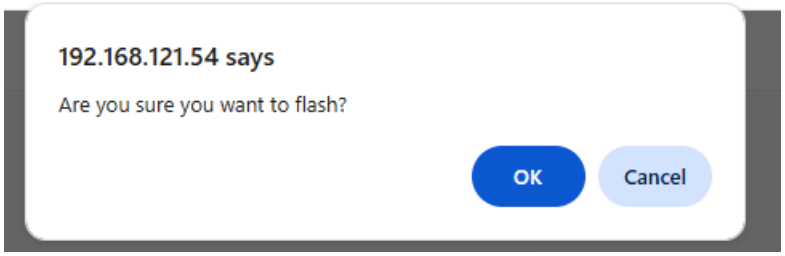


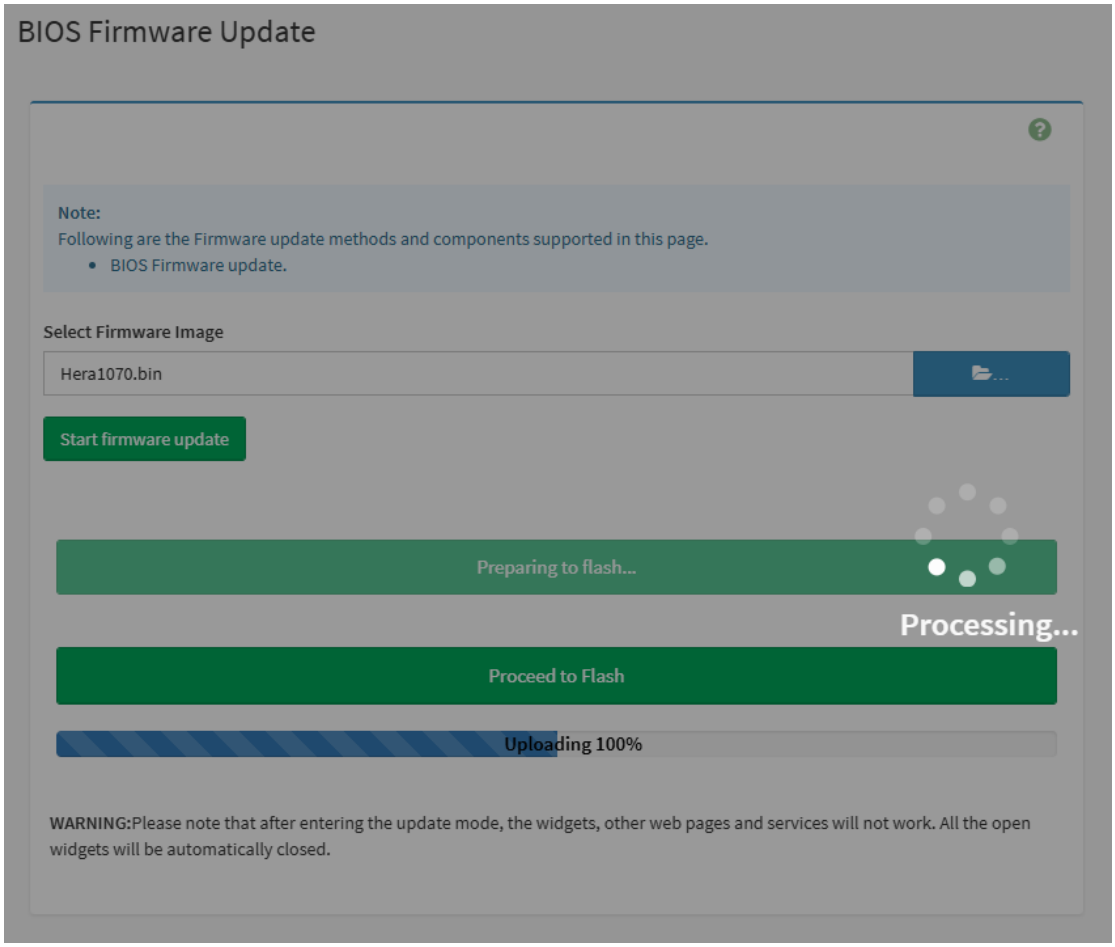
- Update BIOS FW: Hera1070






BIOS Firmware Update
Note:
Following are the Firmware update methods and components supported in this page.
BIOS Firmware update.
Select Firmware Image
Hera1070.bin
Start firmware update
Preparing to flash...
Proceed to Flash
WARNING:Please note that after entering the update mode, the widgets, other web pages and services will not work. All the open widgets will be automatically closed.


192.168.121.54 says
Are you sure you want to flash?
OK
Cancel


BIOS Firmware Update
Note:
Following are the Firmware update methods and components supported in this page.
BIOS Firmware update.
Select Firmware Image
Hera1070.bin
Start firmware update
Preparing to flash...
Processing...
Proceed to Flash
Uploading 100%
WARNING:Please note that after entering the update mode, the widgets, other web pages and services will not work. All the open widgets will be automatically closed.

BIOS Firmware Update

Note:
Following are the Firmware update methods and components supported in this page.

- BIOS Firmware update.

Select Firmware Image

Hera1070.bin

Start firmware update

Preparing to flash...

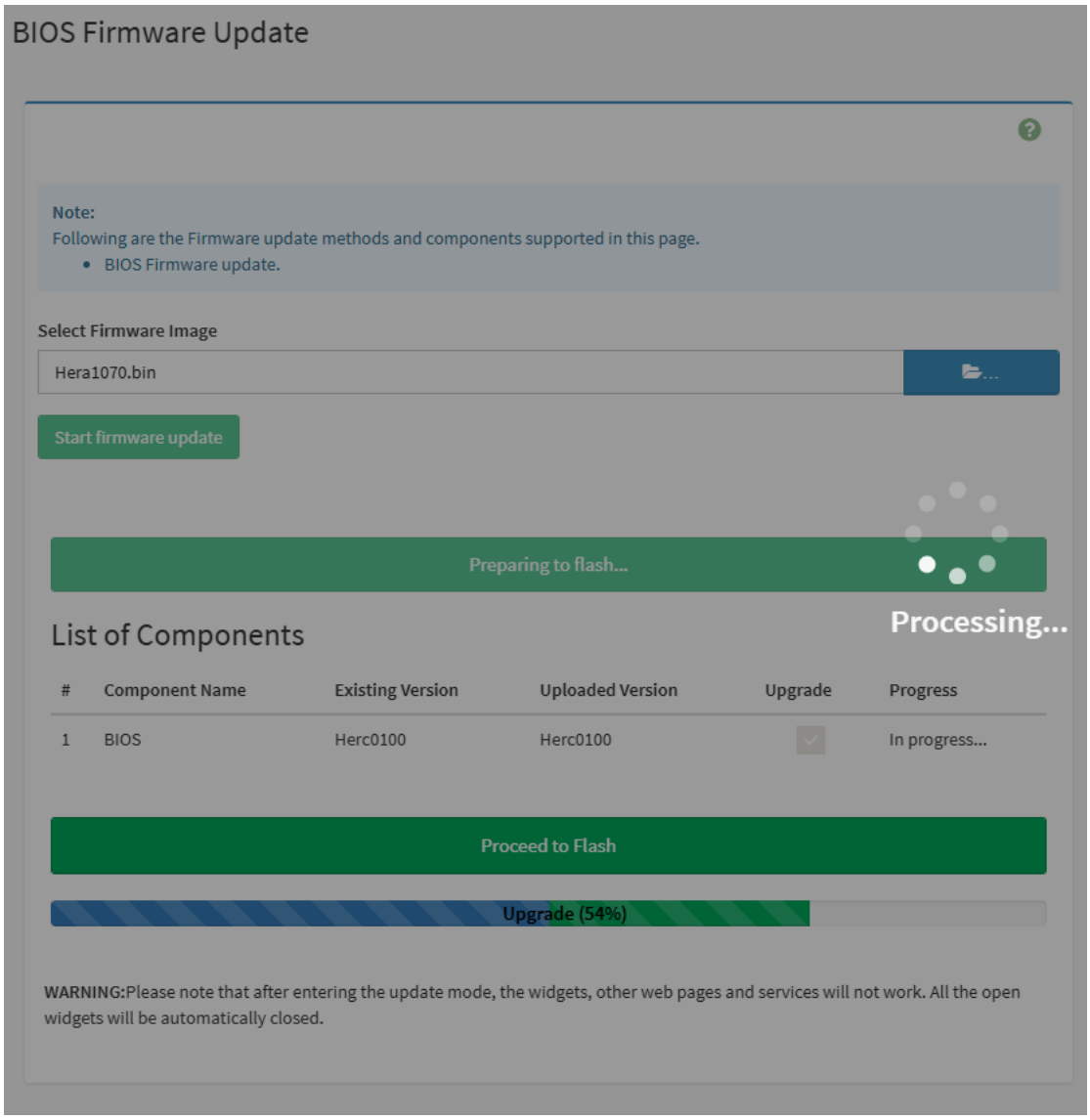
List of Components

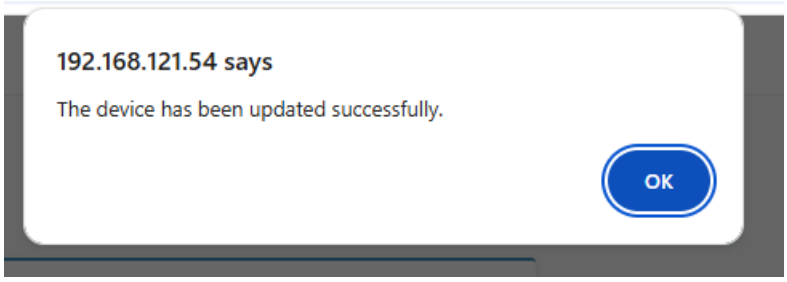
#	Component Name	Existing Version	Uploaded Version	Upgrade	Progress
1	BIOS	Herc0100	Herc0100	☑	In progress...

Proceed to Flash

Uploading 100%

WARNING: Please note that after entering the update mode, the widgets, other web pages and services will not work. All the open widgets will be automatically closed.


BIOS Firmware Update
Note:
Following are the Firmware update methods and components supported in this page.
BIOS Firmware update.
Select Firmware Image
Hera1070.bin
Start firmware update
Preparing to flash...
Processing...
List of Components
Component Name Existing Version Uploaded Version Upgrade Progress
1 BIOS Herc0100 Herc0100 In progress...
Proceed to Flash
Upgrade (54%)
WARNING:Please note that after entering the update mode, the widgets, other web pages and services will not work. All the open widgets will be automatically closed.


192.168.121.54 says
The device has been updated successfully.
OK

- Update MCU FW: HA2026_MCU_v0011.hex

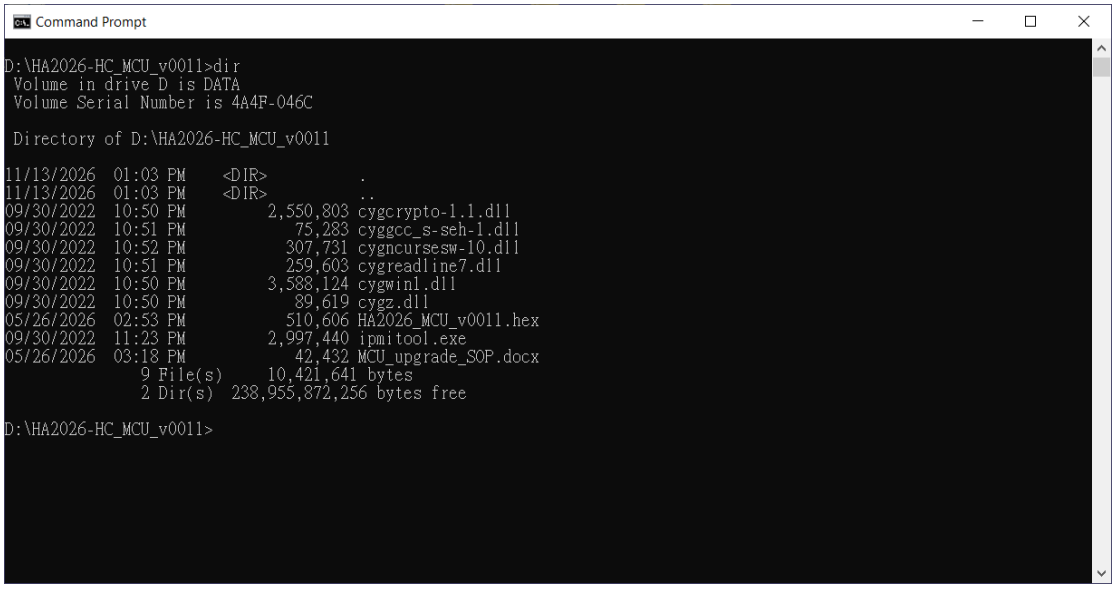
##

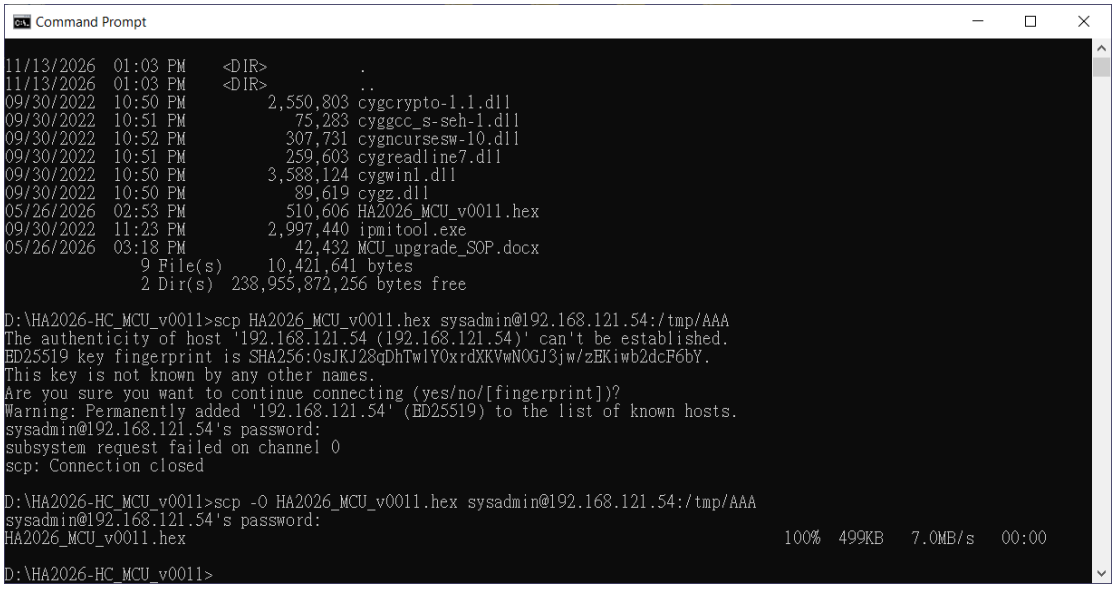
Step1: Copy FW file to BMC /tmp folder and change name to "AAA" for ASCII to 16hex code "41 41 41"

##

#scp –O HA2026_MCU_v0010.hex sysadmin@[IP Address]:/tmp/AAA

Password: superuser





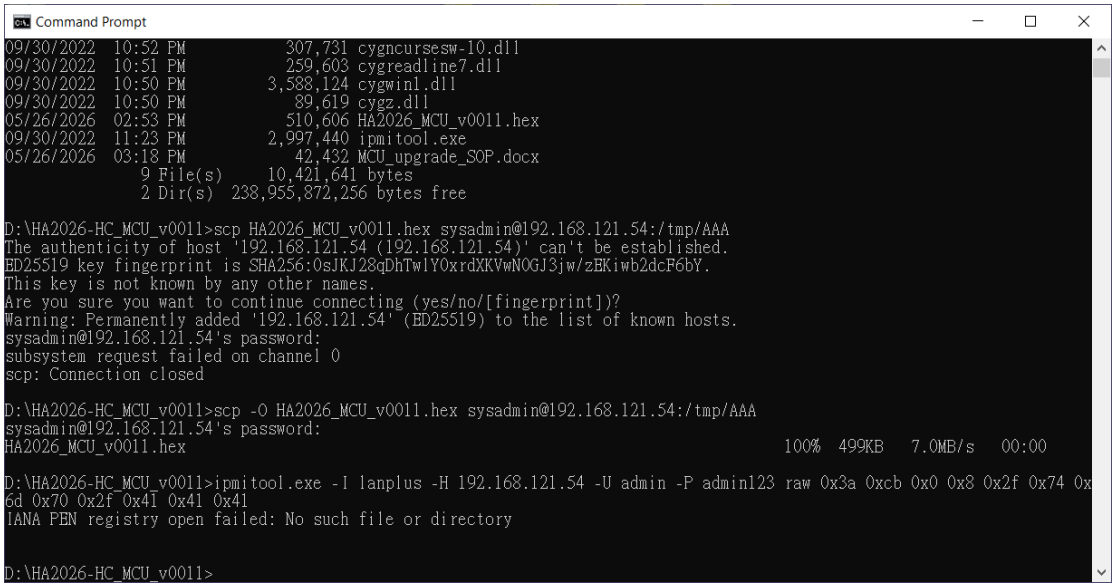
##

Step2: Run below command to start programming MCU FW update.

##

For Ex:

ipmitool -I lanplus –H 192.168.141.79 -U admin -P admin123 raw 0x3a 0xcb 0x0 0x8 0x2f 0x74 0x6d 0x70 0x2f 0x41 0x41 0x41



##

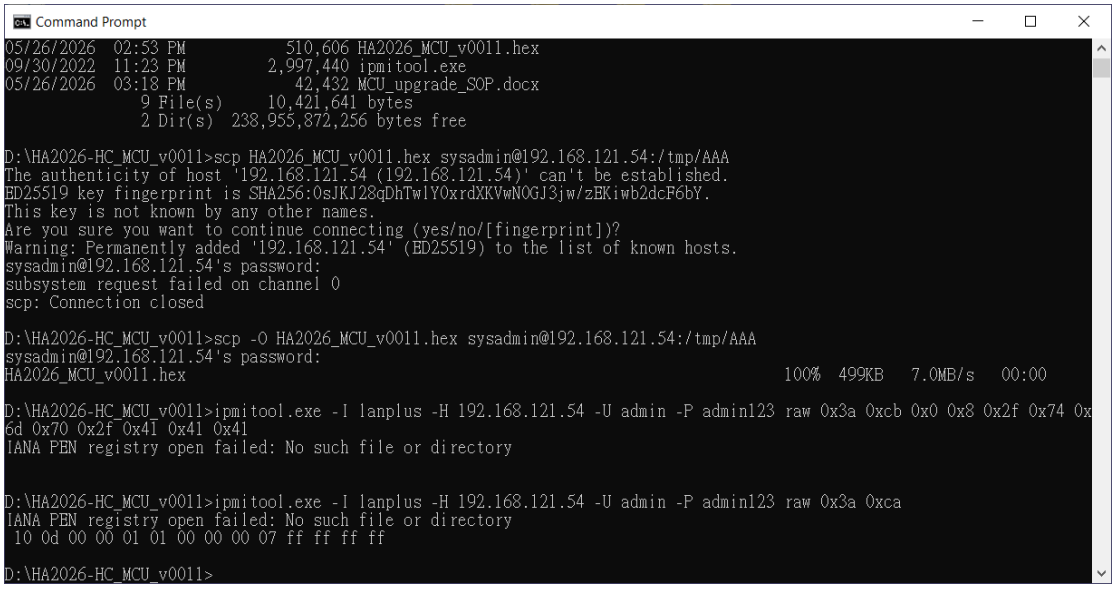
Step3: Check FW version 11

##

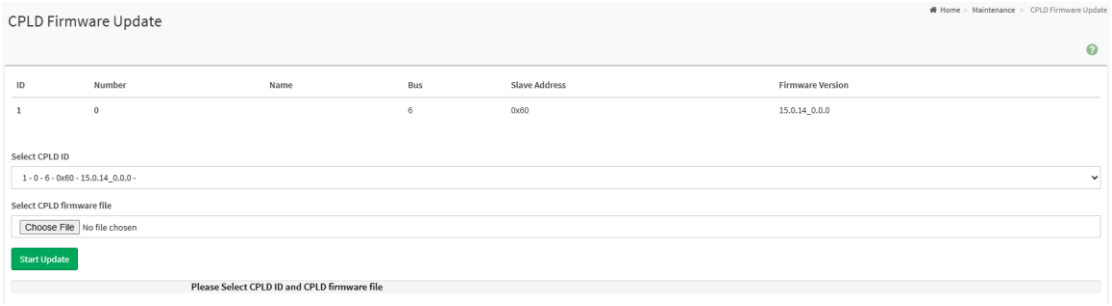
For Ex:

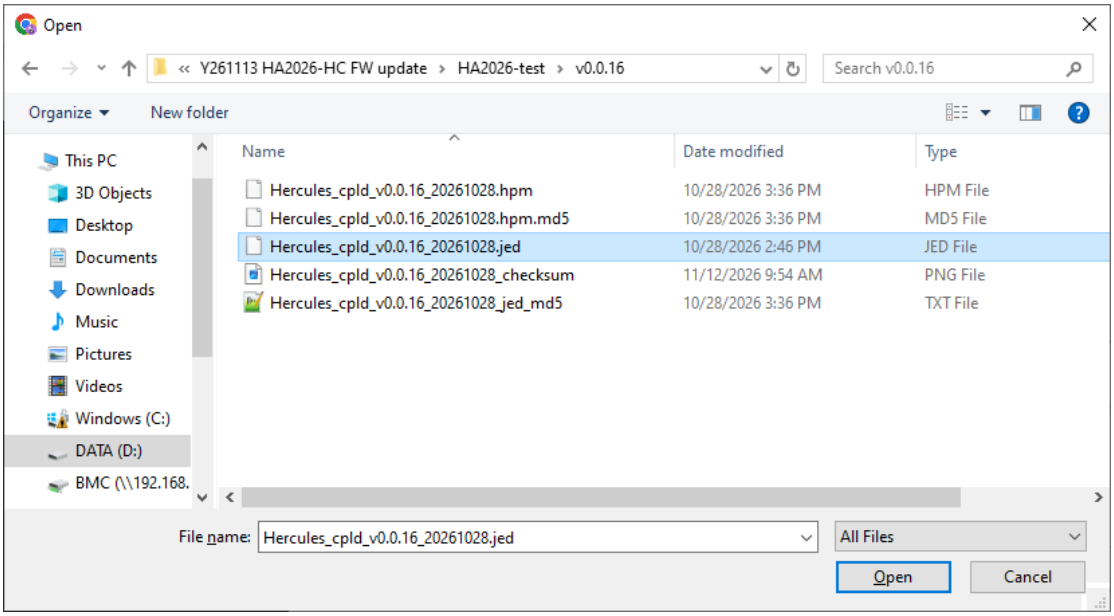
ipmitool -I lanplus –H 192.168.141.79 -U admin -P admin123 raw 0x3a 0xca

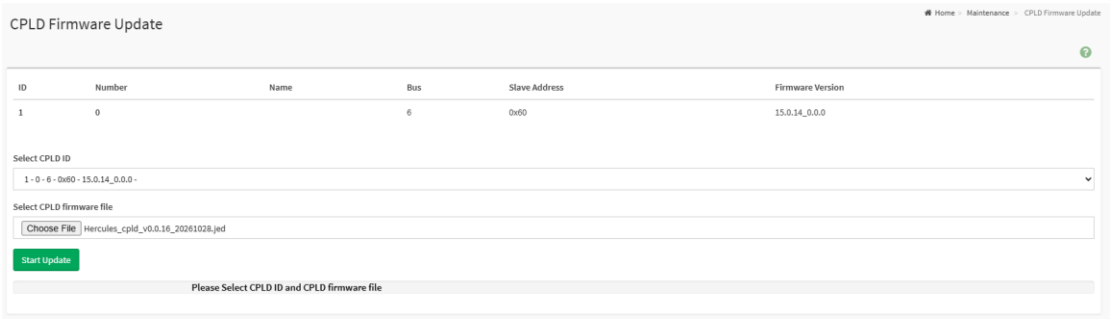
0d 06 00 00 01 01 00 00 01 01 ff ff ff ff



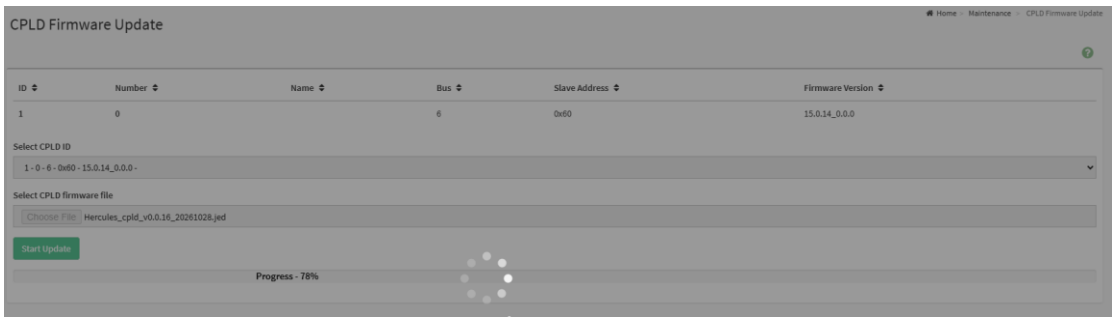
- Update CPLD FW: Hercules_cpld_v0.0.16_20261028.jed

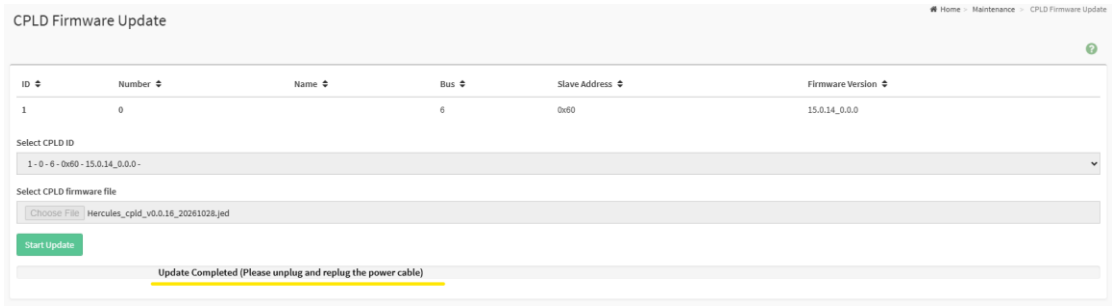




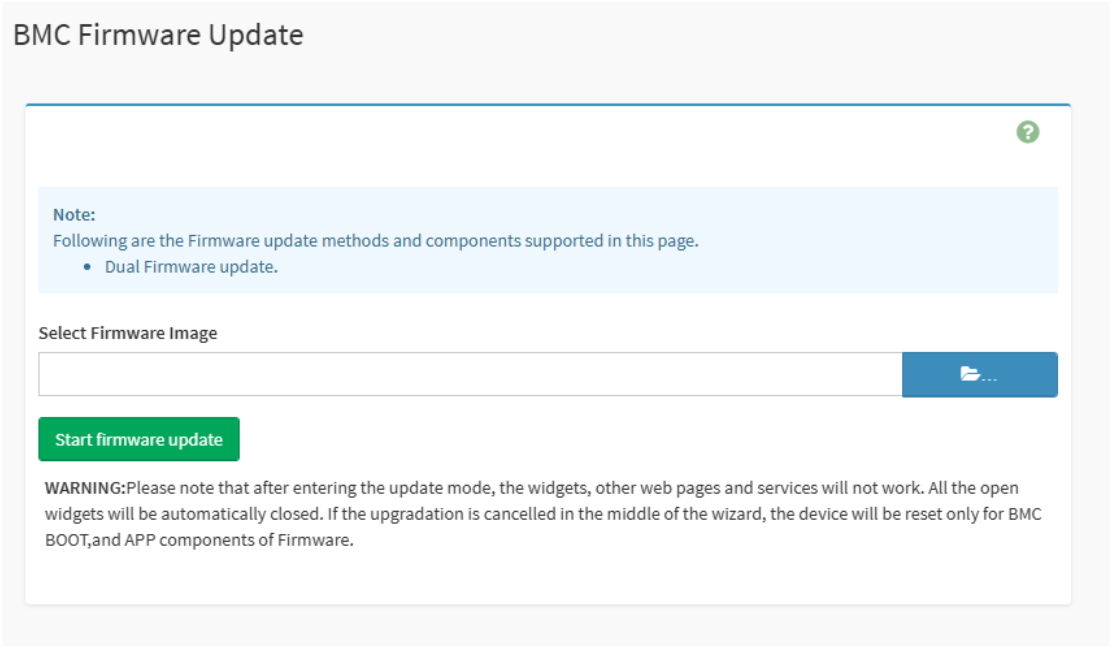


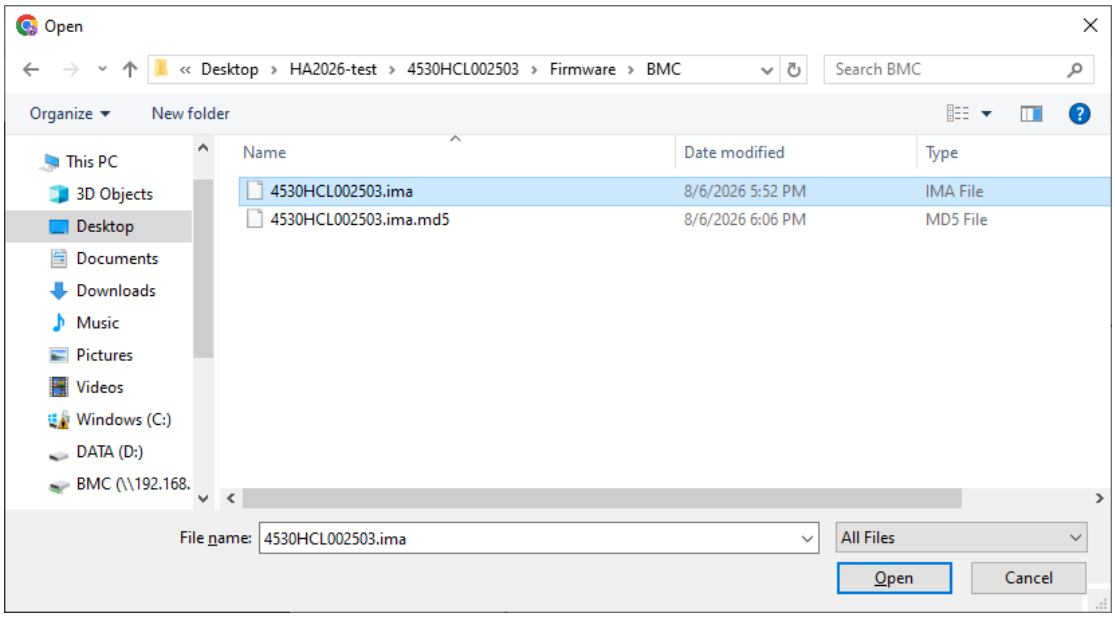



CPLD Firmware Update
Home > Maintenance > CPLD Firmware Update
ID
Number
Name
Bus
Slave Address
Firmware Version
1
0
6
0x60
15.0.14_0.0.0
Select CPLD ID
1 - 0 - 6 - 0x60 - 15.0.14_0.0.0 -
Select CPLD firmware file
Choose File
Hercules_cpld_v0.0.16_20261028.jed
Start Update
Progress - 78%


CPLD Firmware Update
Home > Maintenance > CPLD Firmware Update
ID
Number
Name
Bus
Slave Address
Firmware Version
1
0
6
0x60
15.0.14_0.0.0
Select CPLD ID
1 - 0 - 6 - 0x60 - 15.0.14_0.0.0 -
Select CPLD firmware file
Choose File
Hercules_cpld_v0.0.16_20261028.jed
Start Update
Update Completed (Please unplug and replug the power cable)

- Update BMC FW: 4530HCL002503.ima





BMC Firmware Update

Note:
Following are the Firmware update methods and components supported in this page.

- Dual Firmware update.

Select Firmware Image

4530HCL002503.ima

Start firmware update

WARNING: Please note that after entering the update mode, the widgets, other web pages and services will not work. All the open widgets will be automatically closed. If the upgradation is cancelled in the middle of the wizard, the device will be reset only for BMC BOOT,and APP components of Firmware.

BMC Firmware Update

Note:
Following are the Firmware update methods and components supported in this page.

- Dual Firmware update.

Select Firmware Image

4530HCL002503.ima

Start firmware update

Protocol Type:	HTTPS
Flash Mode:	Default
Current Active Image	Image-1
Image to be Updated	
Image-1	

Preserve all Configuration. This will preserve all the configuration settings during the firmware update - irrespective of the individual items marked as preserve/overwrite in the table below.

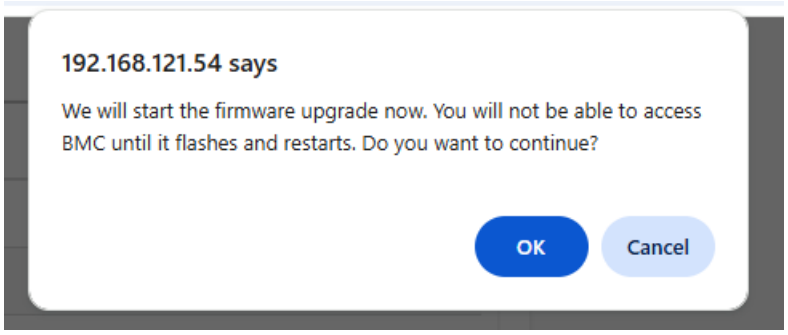
All configuration items below will be preserved as default during the restore configuration operation. Click "Edit Preserve Configuration" to modify the Preserve status settings.

Edit Preserve Configuration

S.No	Preserve Configuration Item	Preserve Status
1	SDR	Overwrite

S.No	Preserve Configuration Item	Preserve Status
1	SDR	Overwrite
2	FRU	Overwrite
3	SEL	Overwrite
4	IPMI	Overwrite
5	NETWORK	Overwrite
6	NTP	Overwrite
7	SNMP	Overwrite
8	SSH	Overwrite
9	KVM	Overwrite
10	AUTHENTICATION	Overwrite
11	SYSLOG	Overwrite
12	WEB	Overwrite
13	REDFISH	Overwrite

Proceed to Flash



S.No	Preserve Configuration Item	Preserve Status
1	SDR	Overwrite
2	FRU	Overwrite
3	SEL	Overwrite
4	IPMI	Overwrite
5	NETWORK	Overwrite
6	NTP	Overwrite
7	SNMP	Overwrite
8	SSH	Overwrite
9	KVM	Overwrite
10	AUTHENTICATION	Overwrite
11	SYSLOG	Overwrite
12	WEB	Overwrite
13	REDFISH	Overwrite



Processing...

Processing...

Uploading 59%

WARNING: Please note that after entering the update mode, the widgets, other web pages and services will not work. All the open widgets will be automatically closed. If the upgradation is cancelled in the middle of the wizard, the device will be reset only for BMC BOOT,and APP components of Firmware.

Section Based Firmware Update

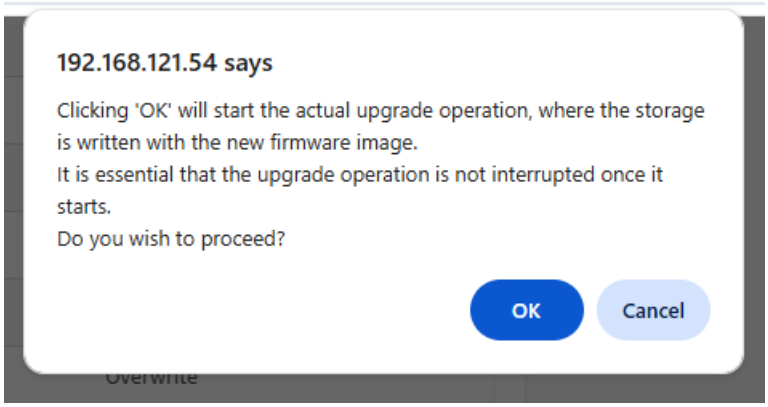
The following section is used to allow the user to configure the firmware image for section based flashing.

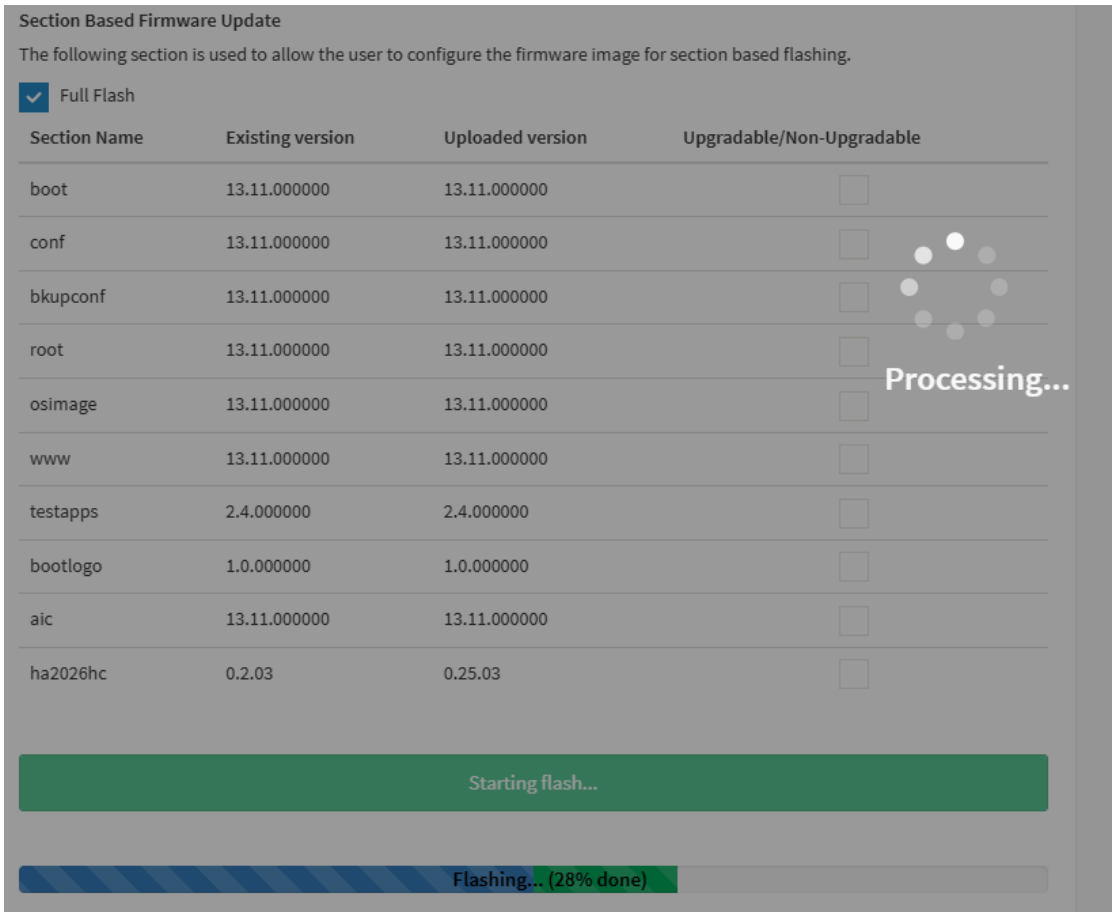
Full Flash

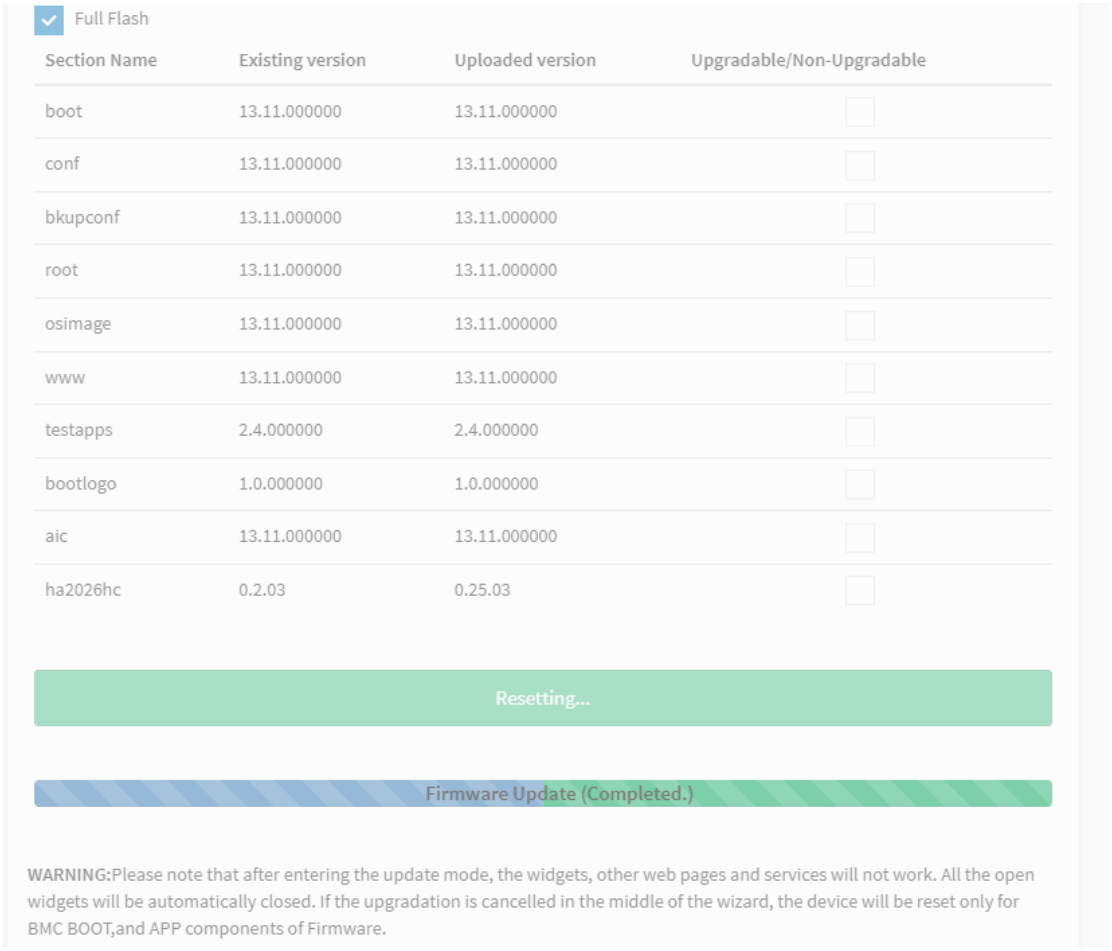
Section Name	Existing version	Uploaded version	Upgradable/Non-Upgradable
boot	13.11.000000	13.11.000000	
conf	13.11.000000	13.11.000000	
bkupconf	13.11.000000	13.11.000000	
root	13.11.000000	13.11.000000	
osimage	13.11.000000	13.11.000000	
www	13.11.000000	13.11.000000	
testapps	2.4.000000	2.4.000000	
bootlogo	1.0.000000	1.0.000000	
aic	13.11.000000	13.11.000000	
ha2026hc	0.2.03	0.25.03	

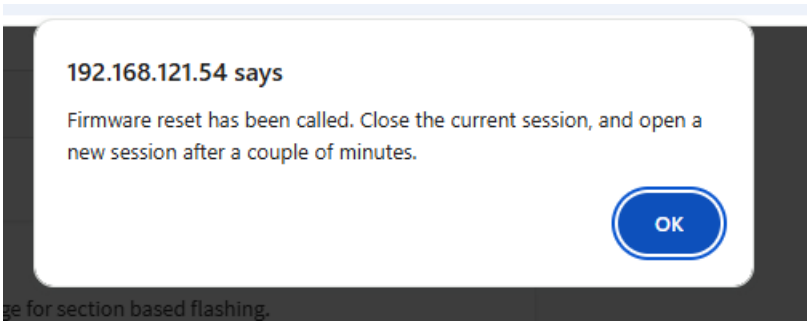
Flash selected sections

Uploading 100%




Section Based Firmware Update
The following section is used to allow the user to configure the firmware image for section based flashing.
Full Flash
Section Name
Existing version
Uploaded version
Upgradable/Non-Upgradable
boot 13.11.000000 13.11.000000
conf 13.11.000000 13.11.000000
bkupconf 13.11.000000 13.11.000000
root 13.11.000000 13.11.000000
osimage 13.11.000000 13.11.000000
www 13.11.000000 13.11.000000
testapps 2.4.000000 2.4.000000
bootlogo 1.0.000000 1.0.000000
aic 13.11.000000 13.11.000000
ha2026hc 0.2.03 0.25.03
Processing...
Starting flash...
Flashing... (28% done)





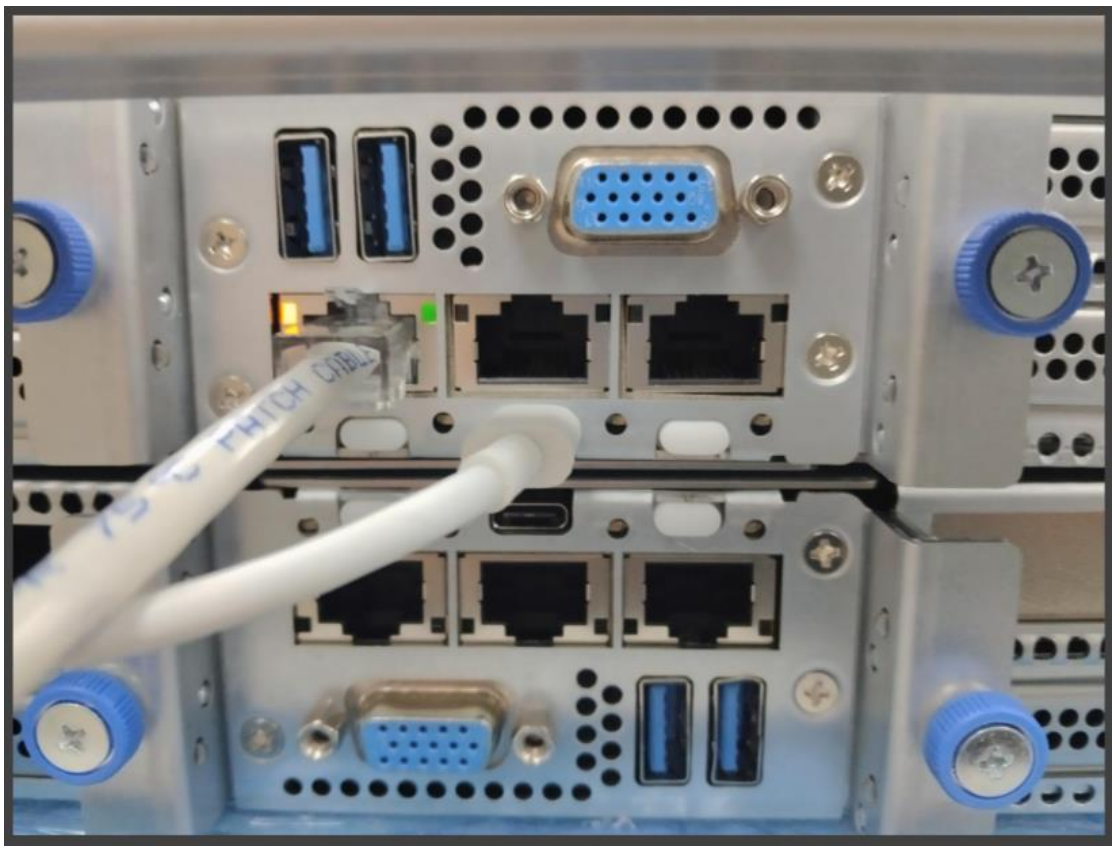
Remove power cord



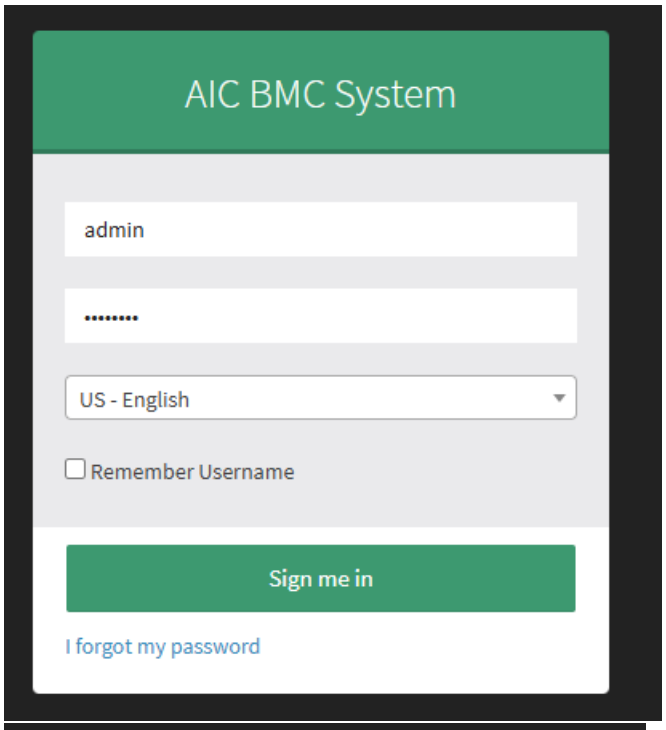
Plug-in power cord

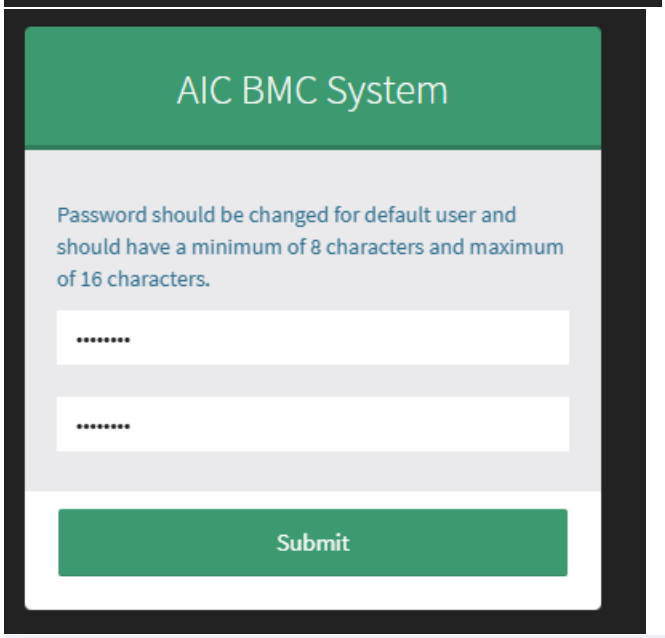


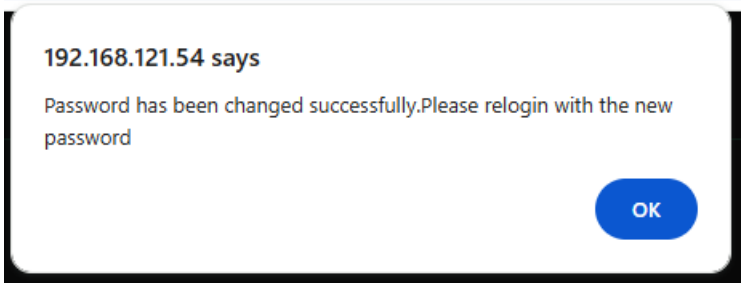
Wait BMC IP ready

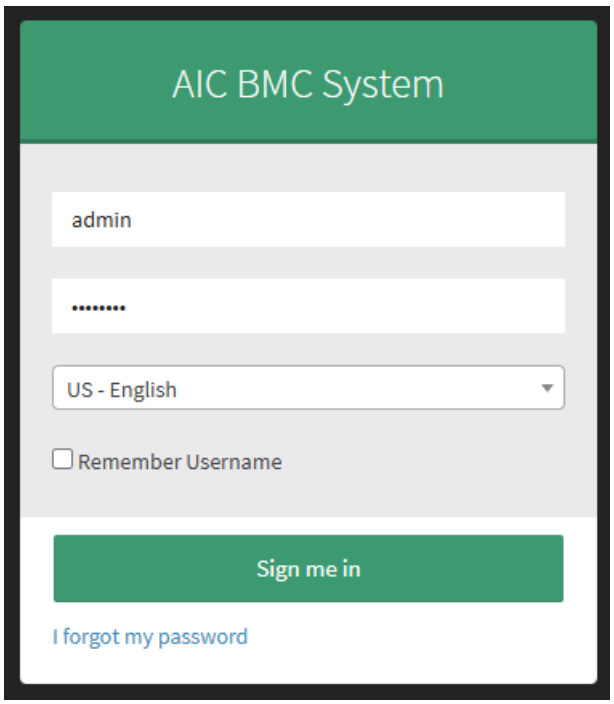


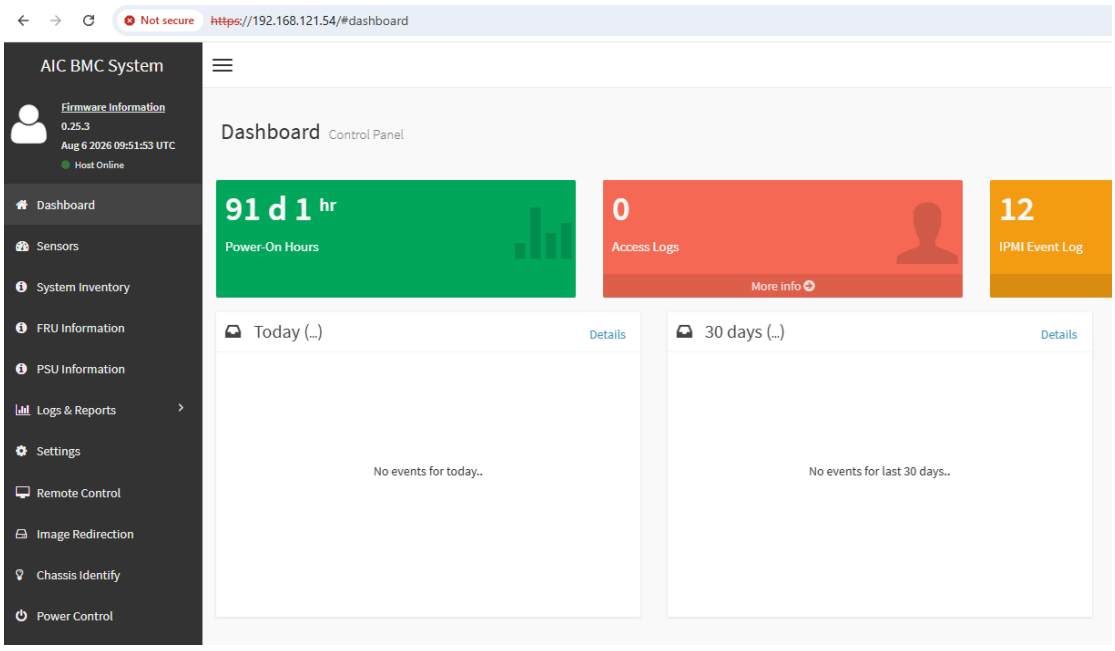
- After FW update, please AC power on and check firmware versions are correct.

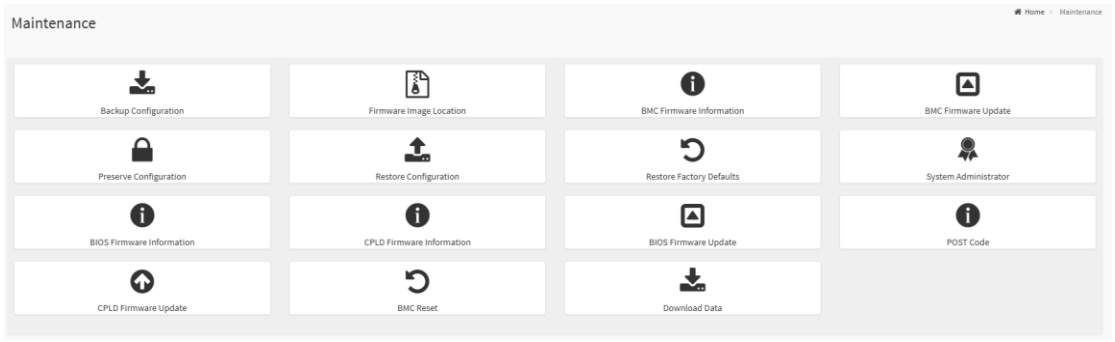







AIC BMC System
admin
US - English
Remember Username
Sign me in
I forgot my password


Not secure
https://192.168.121.54/#dashboard
AIC BMC System
Firmware Information
0.25.3
Aug 6 2026 09:51:53 UTC
Host Online
Dashboard
Sensors
System Inventory
FRU Information
PSU Information
Logs & Reports
Settings
Remote Control
Image Redirection
Chassis Identify
Power Control
Dashboard Control Panel
91 d 1 hr
Power-On Hours
0
Access Logs
More info
12
IPMI Event Log
Today (...)
Details
No events for today..
30 days (...)
Details
No events for last 30 days..


Maintenance
Backup Configuration
Firmware Image Location
BMC Firmware Information
BMC Firmware Update
Preserve Configuration
Restore Configuration
Restore Factory Defaults
System Administrator
BIOS Firmware Information
CPLD Firmware Information
BIOS Firmware Update
POST Code
CPLD Firmware Update
BMC Reset
Download Data

BIOS Firmware Information

Active Firmware

Firmware name

Hera_1.07.0

BMC Firmware Information

Active Firmware

Active Image ID

1

Build Date

Aug 6 2026

Build Time

09:51:53 UTC

Firmware version

0.25.3

Firmware name

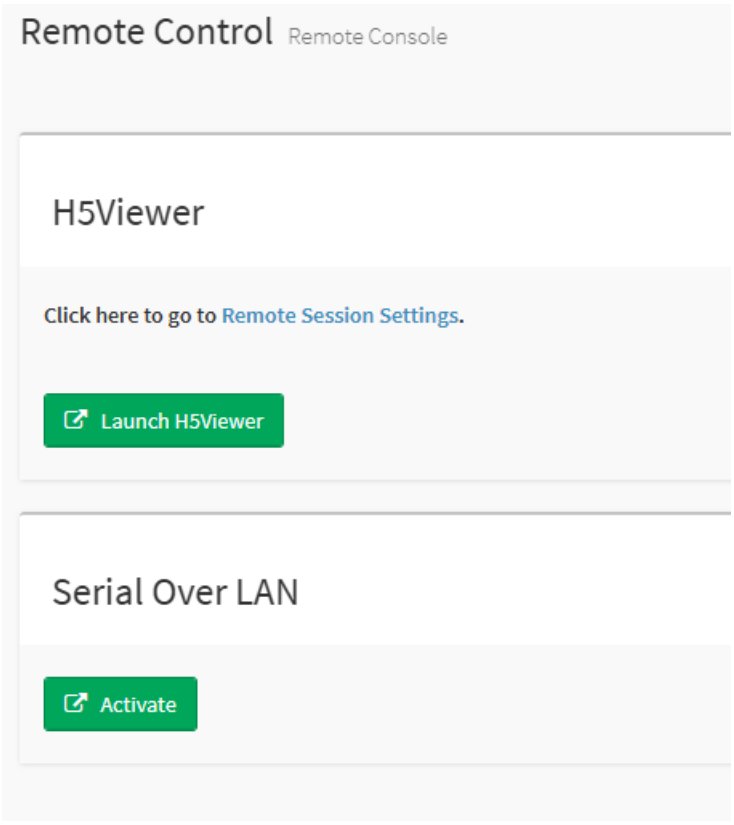
4530HCL002503

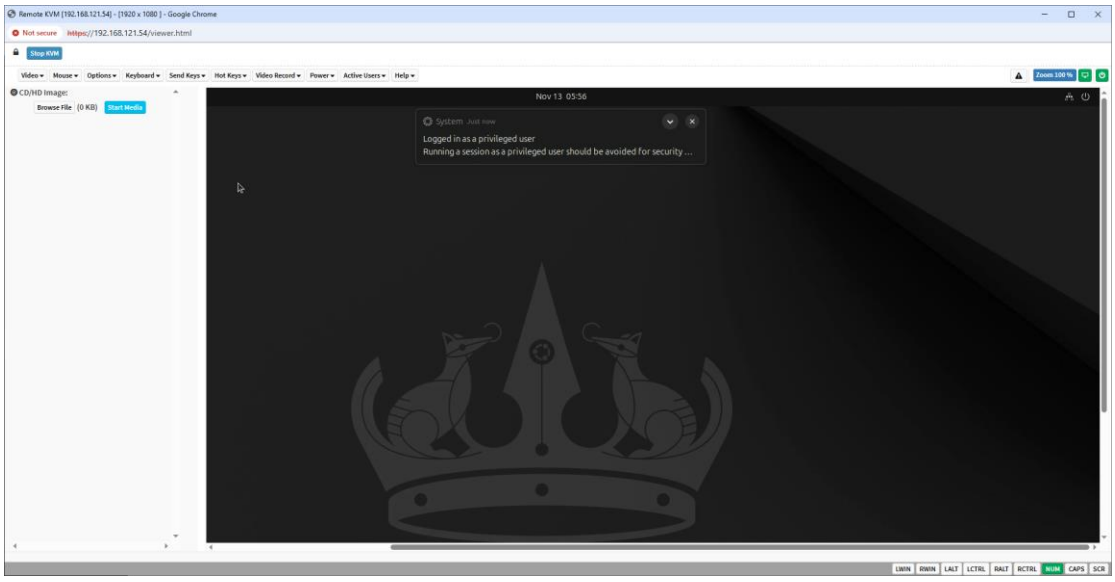
CPLD Firmware Information

Active Firmware

Firmware Version

00.00.16


Remote Control
Remote Console
H5Viewer
Click here to go to Remote Session Settings.
Launch H5Viewer
Serial Over LAN
Activate


Remote KVM [192.168.121.54] - [1920 x 1080] - Google Chrome
Not secure
https://192.168.121.54/viewer.html
Stop KVM
Video
Mouse
Options
Keyboard
Send Keys
Hot Keys
Video Record
Power
Active Users
Help
Zoom 100 %
CD/HD Image:
Browse File
(0 KB)
Start Media
Nov 13 05:56
System Just now
Logged in as a privileged user
Running a session as a privileged user should be avoided for security ...
LWIN
RWIN
LALT
LCTRL
RALT
RCTRL
NUM
CAPS
SCR